

Converting Colors

$Y_{xy}(37.1474, 0.3943, 0.4275)$

Have a look what the booklet for
Yxy(37.1474, 0.3943, 0.4275)
contains.

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Color

Yxy(37.1474, 0.3943, 0.4275)

Conversions

Conversions Part 1

Format	Color
Hex	B5A45C
RGB	181, 164, 92
RGB Percent	71%, 64%, 36%
CMY	0.2902, 0.3568, 0.6393
CMYK	0.00, 0.09, 0.49, 0.29
HSL	49°, 38%, 54%
HSV	49°, 49%, 71%
XYZ	34.2625, 37.1474, 15.4846
YIQ	160.8750, 33.2440, -18.7880

Conversions

Conversions Part 2

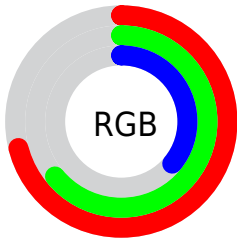
Format	Color
RYB	113, 181, 92
Decimal	11904092
CIELab	67.39, -3.58, 39.38
CIELCh	67, 39.540, 95.197
Yxy	37.1474, 0.3943, 0.4275
Android (android.graphics.Color)	4290094172 (0xFFB5A45C)
YUV	160.8750, -33.9554, 17.6496
Hunter-Lab	60.9487, -6.3158, 27.6009

Details

The Yxy color **37.1474, 0.3943, 0.4275** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.5422, 0.2257, 0.2050**, and the grayscale version is **35.7287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8538, 0.3792, 0.4094**, and **16.1984, 0.4160, 0.4542** is the 20% darker color. If you saturate the color by 10%, you get **35.6495, 0.4109, 0.4445**, and if you desaturate by 10%, it is **38.7580, 0.3770, 0.4084**.

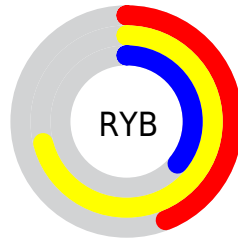
Distribution



Red (71%)

Green (64%)

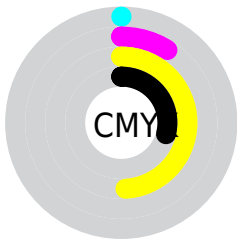
Blue (36%)



Red (44%)

Yellow (71%)

Blue (36%)

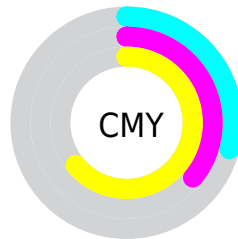


Cyan (0%)

Magenta (9%)

Yellow (49%)

Black (29%)



Cyan (29%)


Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1474, 0.3943, 0.4275 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 37.1474, 0.3943, 0.4275 by changing the saturation by 10% instead.


 37.1474, 0.3943,
0.4275

 37.1474, 0.3943,
0.4275


333.9482, 0.3536,
0.3774

 25.3216, 0.4039,
0.4397


 70.7994, 0.3798,
0.4094

 16.3168, 0.4155,
0.4548


 93.3945, 0.3743,
0.4025

 9.7486, 0.4296,
0.4738


 120.3481, 0.3695,
0.3967

 5.2326, 0.4481,
0.4996

 152.0446, 0.3654,
0.3917

 2.3844, 0.4684,
0.5316

188.8685, 0.3619,
0.3874

 0.8178, 0.4576,
0.5424

231.2042, 0.3588,

 0.0000, 0.0000,

0.3837

0.0000

279.4359, 0.3560,
0.3804

■ 37.1474, 0.3943,
0.4275

■ 37.1474, 0.3943,
0.4275

■ 35.6495, 0.4109,
0.4445

■ 38.7580, 0.3770,
0.4084

■ 34.2534, 0.4260,
0.4583

■ 40.4813, 0.3596,
0.3881

■ 32.9542, 0.4389,
0.4682


■ 42.3237, 0.3427,
0.3674

■ 31.7445, 0.4492,
0.4735

■ 44.2898, 0.3266,
0.3470


■ 30.6104, 0.4569,
0.4748


■ 46.3836, 0.3115,
0.3274

 30.5196, 0.4575,
0.4749

 48.6092, 0.2977,
0.3089

 50.9702, 0.2850,
0.2916

 53.4702, 0.2736,
0.2756

 56.1125, 0.2633,
0.2609

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.1474, 0.4271, 0.3924



37.1474, 0.3943, 0.4275



37.1474, 0.3413, 0.4370

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.1474, 0.3943, 0.4275



37.1474, 0.2101, 0.2933



37.1474, 0.3350, 0.2649

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.1474, 0.3943, 0.4275



16.5422, 0.2257, 0.2050

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.1474, 0.2759, 0.2414



37.1474, 0.3943, 0.4275



37.1474, 0.2088, 0.2532

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.1474, 0.3943, 0.4275



37.1474, 0.2360, 0.3517



37.1474, 0.2315, 0.2364



37.1474, 0.3925, 0.3023

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.1474, 0.3943, 0.4275



37.1474, 0.3022, 0.4223



37.1474, 0.2315, 0.2364



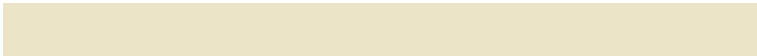
37.1474, 0.3144, 0.2552

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.1491, 0.3943, 0.4275



77.1588, 0.3362, 0.3593



18.5957, 0.4196, 0.3038



16.5211, 0.3396, 0.3636



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.1491, 0.3943, 0.4275



63.6402, 0.4122, 0.4457



40.7188, 0.3583, 0.4582



9.6254, 0.3268, 0.3473



21.1357, 0.4570, 0.4754



0.7360, 0.4447, 0.4851

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.5422, 0.2257, 0.2050



22.5411, 0.2053, 0.1726



14.8869, 0.2461, 0.1857



8.4841, 0.2985, 0.3100



3.1888, 0.1556, 0.0801



0.1780, 0.1691, 0.1288

Previews

White Background



This preview shows how the Yxy color 37.1474, 0.3943, 0.4275 looks on a white background.

Color Contrast Check

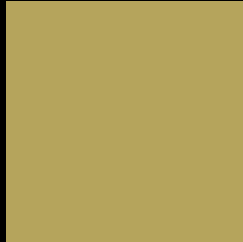
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 37.1474, 0.3943, 0.4275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

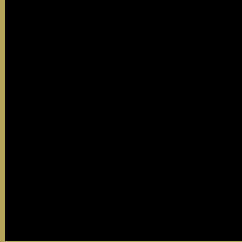
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.1474, 0.3943, 0.4275

Background



This preview shows how black text looks on a background with the Yxy color 37.1474, 0.3943, 0.4275.



This preview shows how white text looks on a background with the Yxy color 37.1474, 0.3943, 0.4275.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.1474, 0.3943, 0.4275

Protanopia

37.0269, 0.3932, 0.4279

Deuteranopia

37.2015, 0.4170, 0.4094



Tritanopia

36.9241, 0.3343, 0.3130

Trichromacy



Original Color

37.1474, 0.3943, 0.4275

Protanomaly

37.0269, 0.3932, 0.4279

Deuteranomaly

37.2694, 0.4086, 0.4167

Tritanomaly

36.6615, 0.3569, 0.3540

Monochromacy



Original Color

37.1474, 0.3943, 0.4275

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.9431, 0.3422, 0.3671

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1474, 0.3943, 0.4275 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(181, 164, 92)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(181, 164, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 92) }
```

Border

The CSS property to change the border of an element to Yxy 37.1474, 0.3943, 0.4275 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 164, 92) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(181, 164, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(181, 164, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 92);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1474, 0.3943, 0.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(181,  
164, 92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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